



# INSURV SAFETY CONCERNS

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INSURV WEBSITE:

[http://www.spawar.navy.mil/fleet  
/insurv](http://www.spawar.navy.mil/fleet/insurv)



# INSURV SAFETY CONCERNS

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# DAMAGE CONTROL



# INSURV SAFETY CONCERNS

## AFFF SOPV

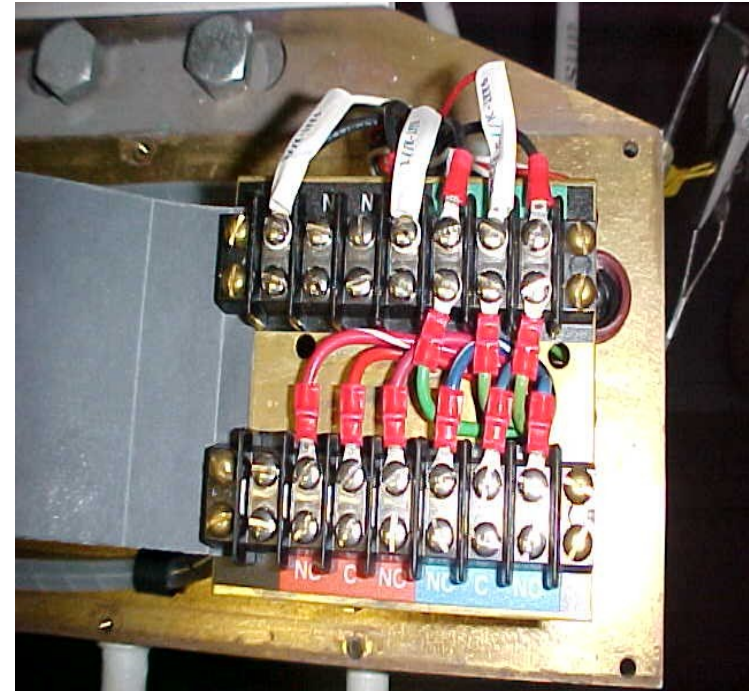


### ISSUE:

- **AFFF SOPV are not wired for burn out protection.**
- **Wiring prints conflict (NAVSEA & MFR)**
- **Ship's Force do not have clear direction to wire SOPV correctly.**

### POC/REF:

- **INSURV POC:** LCDR FULLER, (757) 462-7881 EXT 3111
- **SYSTEM POC:** Walt Wojick, (215) 897-7240, E-mail: [wojickwj@nswccd.navy.mil](mailto:wojickwj@nswccd.navy.mil)





# INSURV SAFETY CONCERNS

## **SAR/SCBA for GFE**



### **ISSUE:**

- **SAR/SCBA equipment is not being maintained IAW PMS.**
- **Bottles are not hydrostatic tested (every 3yrs).**
- **Gages are not tested/calibrated.**
- **Bottles are low in pressure.**

### **POC/REF:**

- *INSURV POC:* LCDR HANSON, (757) 462-7881 EXT 3094
- *SYSTEM POC:* Mark Black, ISEA, (805) 234-4452)





# INSURV SAFETY CONCERNS **SCBA FACE PIECES**

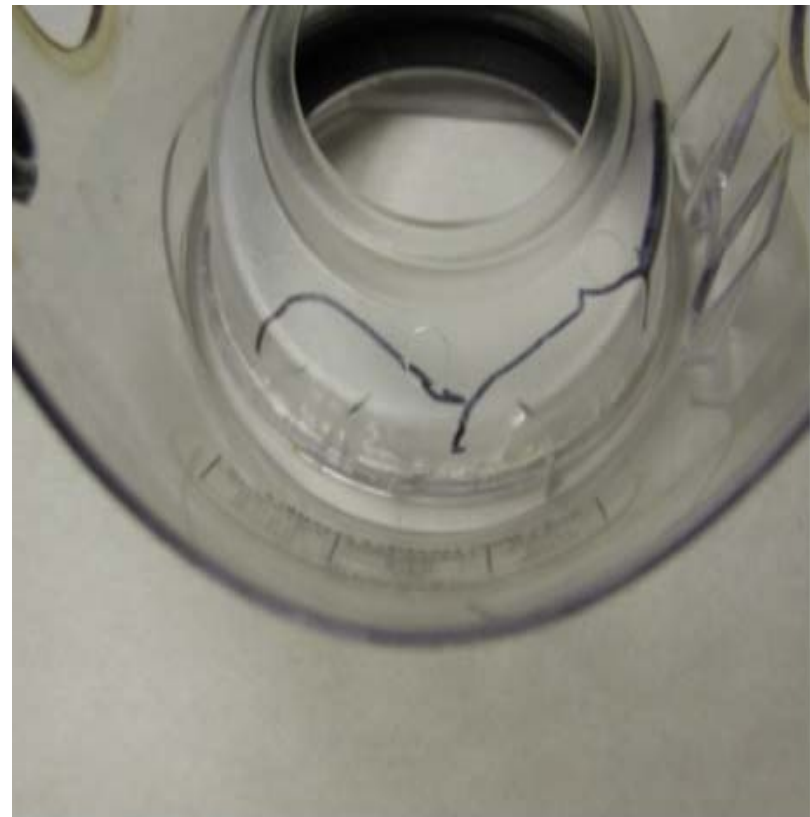


## **ISSUE:**

- **SCBA face pieces are cracked.**
- **S/F is not identifying cracks in the SCBA face pieces.**

## **POC/REF:**

- *INSURV POC:* LCDR HANSON,  
(757) 462-7881 EXT 3094
- *SYSTEM POC:* Mark Black,  
ISEA, (805) 234-4452





# INSURV SAFETY CONCERNS

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# DECK



# INSURV SAFETY CONCERNS LPU-28 LIFE PRESERVER (SURFACE SAR SWIMMER VEST)

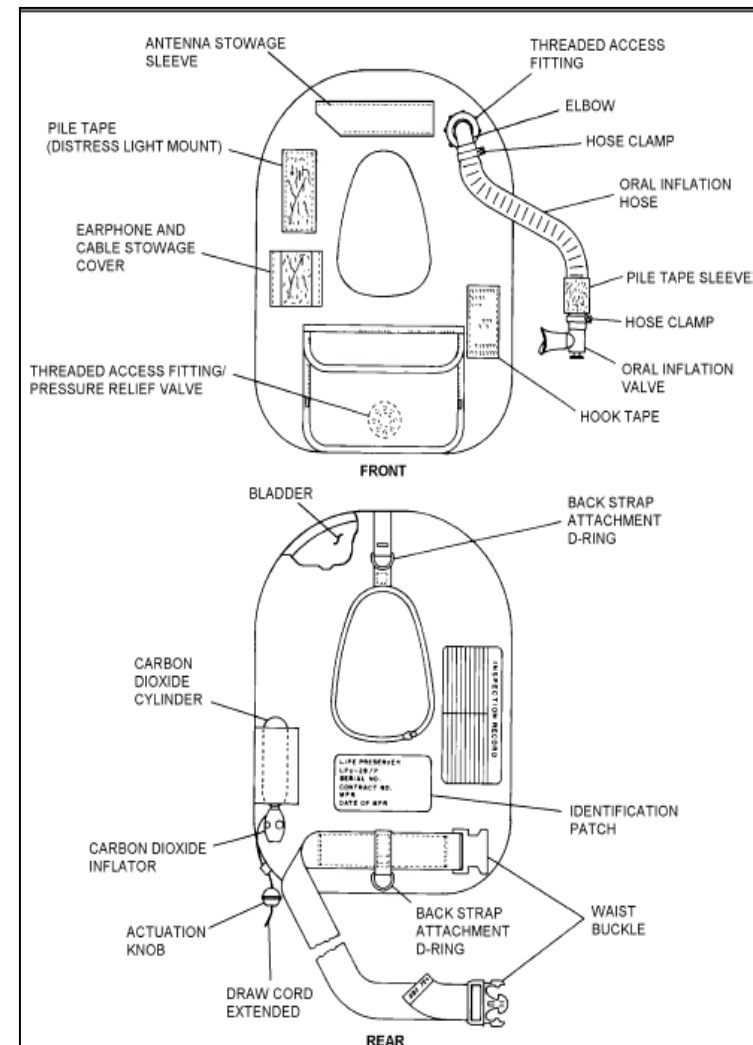


## ISSUE:

- **Maintenance not being performed or recorded IAW NAVAIR 13-1-6.1-2.**

## POC/REF:

- **INSURV POC:** LT AVALOS (757) 462-7881 EXT 3074
- **SYSTEM POC:** SURFACE SAR MODEL MANAGER LT EICH (619) 545-5402
- **REF:** SARGRAM 02-01 (HELSUPRON THREE 121511Z FEB 02)





# INSURV SAFETY CONCERNS MK1 LIFE PRESERVER



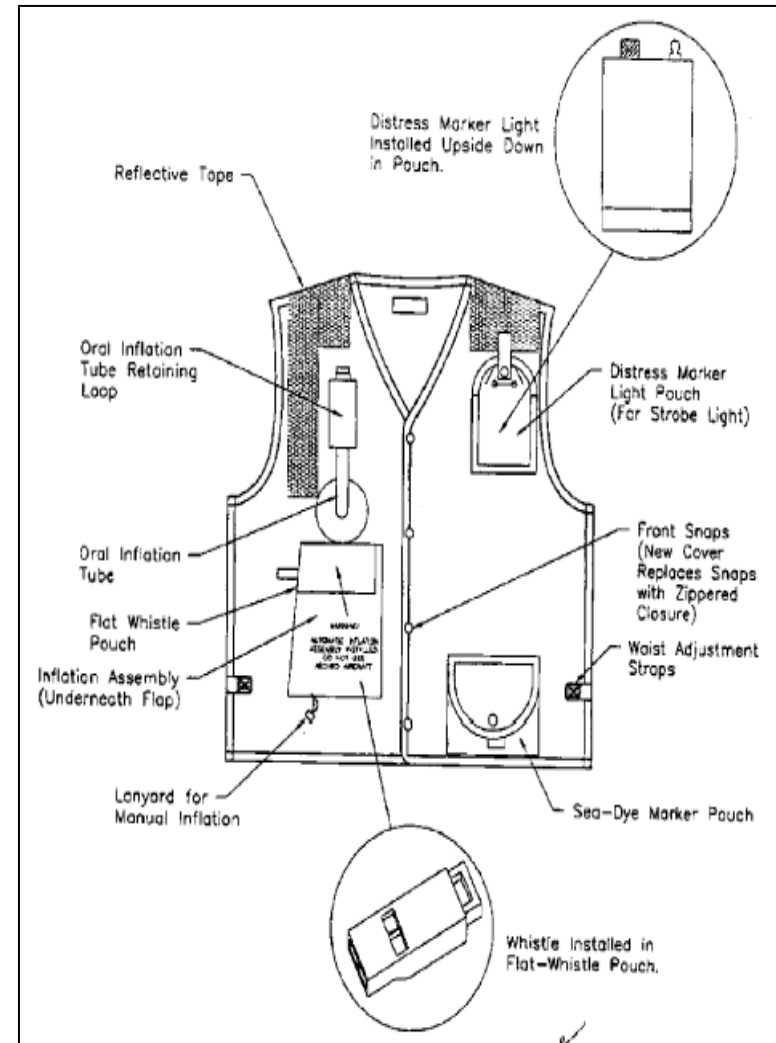
(VEST TYPE)

## ISSUE:

- **Sea Dye Markers not installed.**
- **Defective C02 cylinders installed.**

## POC/REF:

- *INSURV POC:* LT AVALOS, (757) 462-7881 EXT 3074
- *SYSTEM POC:* NAVSEA 05P6 Mark Campbell, (202) 781-3619
- **REFS:**
  - o COMNAVSEASYS COM message (DTG 170530Z Mar 03)
  - o NAVICP MECHANICSBURG





# INSURV SAFETY CONCERNS

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# AVIATION



# INSURV SAFETY CONCERNS

## Man Overboard Indicator (MOBI)



### ISSUE:

- MK1/MOBI Integration being redesigned

### POC/REF:

- *INSURV POC*: LCDR Carbauh (757) 462-7881 EXT 3162
- *SYSTEM POC*: Don Neuman, NAVSEA 05Z8, MOBI Program Manager, (202) 781-3701
- Fleet Feedback during test/eval period in





# INSURV SAFETY CONCERNS



## MOBI (CON'T)

- Saltwater or manually activated alarm system that aids in the detection, location, and recovery of a man overboard
- The system consists of a transmitter (TX), receiver (RX), and direction finder (DF)
- TX must be within 1 nm to activate RX
  - Test ship reports ranged in detection from 700 yds to 18 nm
  - Aircraft: 20 nm @ 2000'
  - DF accuracy:  $\pm 5^\circ$





# INSURV SAFETY CONCERNS



## MOBI (CON'T)

- The TX will be configured with the MK-1 life preserver to maximize antenna height above water
- Battery life of 32 hours
- The RX and DF displays can be mounted almost anywhere, with antennas mounted above the bridge and a portable unit for use on ship's rescue boat

RX Display



TX



DF Antenna





# INSURV SAFETY CONCERNS

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# NAVOSH



# INSURV SAFETY CONCERNS

## *ACCESS TRUNK SAFETY NETS*



### ISSUE:

- Incorrect installation/design of access trunk safety nets.

### POC/REF:

- *INSURV POC:* LCDR Gary Morris  
(757) 462-7881 EXT 3027
- *SYSTEM POC:* ANTHONY VENTIA,  
NSWCC, (215) 897-7781 EMAIL  
VENTIAJ@NSWCCD.NAVY.MIL
- NAVSEA Drawing 804-5184163  
REV A





# INSURV SAFETY CONCERNS IN-USE FLAMMABLE STORAGE CABINETS



## ISSUE:

- Not being maintained IAW the Q-36R Maintenance Requirement Card (MRC) 98 Y72L N from DCPO MIP 6641.

## POC/REF:

- *INSURV POC:* LCDR MORRIS (757) 462-7881 EXT 3027
- OPNAVINST 5100.19D Chapter C23
- INSURV QUARTERLY SURFACE SHIP MESSAGE NR 014





# INSURV SAFETY CONCERNS

## PERSONAL PROTECTIVE EQUIPMENT (PPE)



### ISSUE:

- Ships are in MINIMAL compliance in wearing fire retardant coveralls and SEEDS.
- INSURV inspection data trend shows improvement but compliance is far from 100 %



### POC/REF:

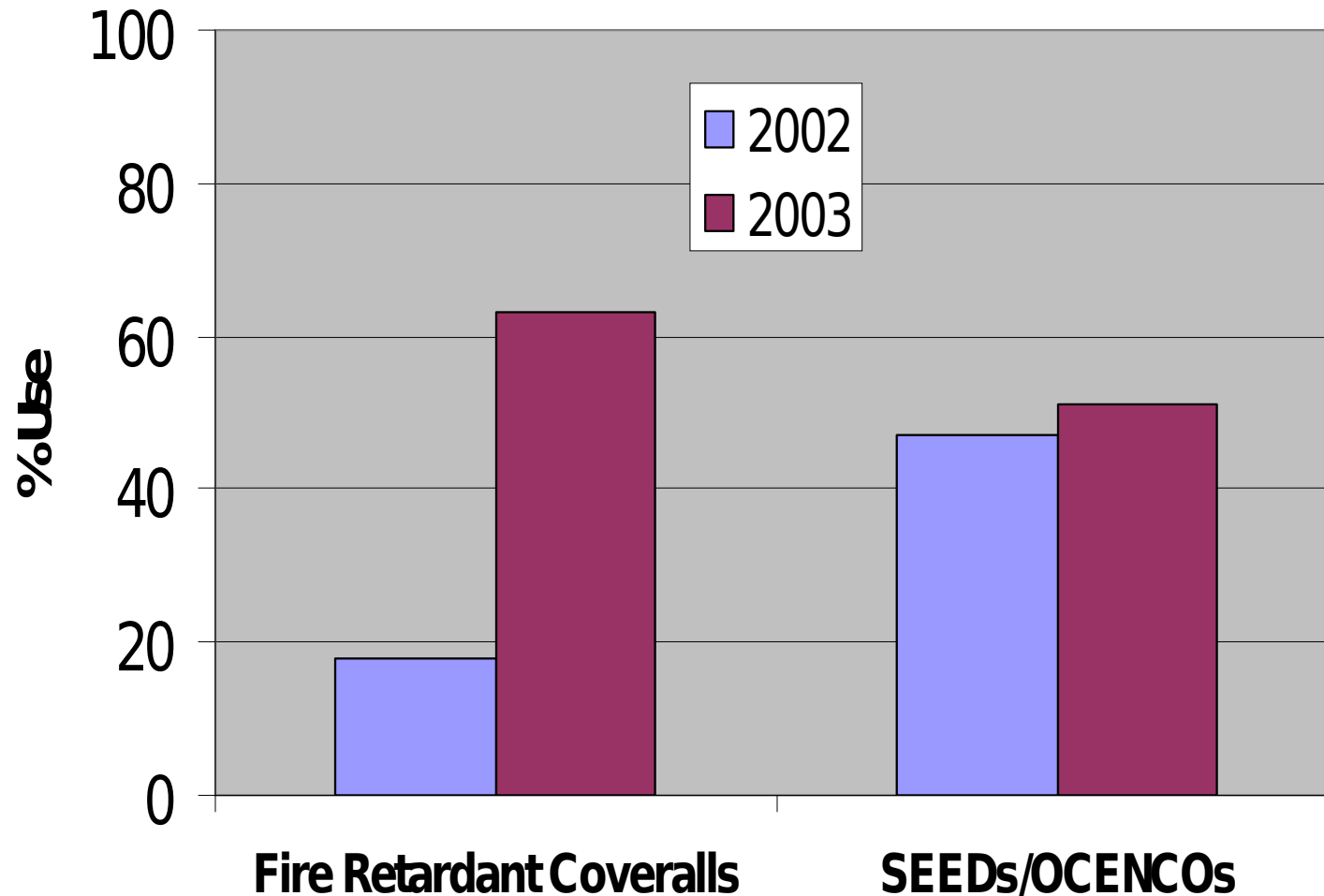
- *INSURV POC*: LCDR BERHOW (757) 462-7881 EXT 3088 & LCDR MORRIS EXT 3027
- *REFS*: OPNAVINST 5100.19D; CNSP msg DTG 122106Z JUL00; CNSF msg DTG 092016Z NOV02;





# INSURV SAFETY CONCERNS

## PPE OBSERVATIONS / TRENDS





# INSURV SAFETY CONCERNS

## NAVOSH ADMINISTRATIVE PROGRAMS



### ISSUE:

- Safety Officers are not implementing nor maintaining the required NAVOSH administrative programs.

### POC/REF:

- *INSURV POC*: LCDR MORRIS (757) 462-7881 EXT 3027
- *REFS*: OPNAVINST 5100.19D, OPNAVINST 5100.25A, OPNAVINST 5100.12G

- Hazard Abatement
- Safety Council and Committees
- NAVOSH Training
- Safety Petty Officers
- Mishap Records



# INSURV SAFETY CONCERNS

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# SUPPLY



# INSURV SAFETY CONCERNS

## GAYLORD HOOD INTERCEPTOR SYSTEM



### ISSUE:

- Shipboard hot water heaters are not supplying hood system with the required minimum temperature of 160F.

### POC/REF:

- *INSURV POC:* LCDR JOHNSTON (757) 462-7578 EXT 3096
- *REFS:* NAVSEA S6161-HAFSE-010/09051, MANU TECH MAN, NSTM 510-6.25





# INSURV SAFETY CONCERNS

## *SINGLE AND MULTI-TANK DISHWASHERS*

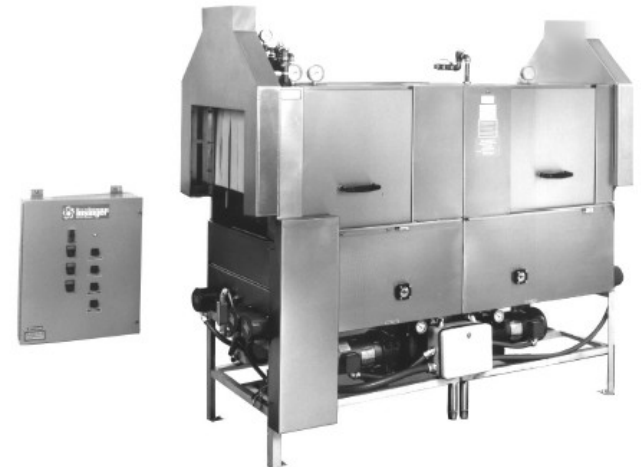


### ISSUE:

- Final rinse temps are not reaching the minimum requirement of 180 F.
- Improper sanitation & cleanliness can lead to illness of crew members at temperatures below 180 F.

### POC/REF:

- *INSURV POC:* LCDR JOHNSTON (757) 462-7578 EXT 3096
- *REFS:* NAVMED P-5010, NSF STD NR3, NSTM 651, NAVSUP





# INSURV SAFETY CONCERNS

## ***DEEP FAT FRYER***



### **ISSUE:**

- Deep fat fryers have failed to trip at the maximum temperature of 460 F.
- Potential for personnel & property damage can occur when the grease heats to temps above 460 F.

### **POC/REF:**

- *INSURV POC:* LCDR JOHNSTON  
(757) 462-7578 EXT 3096
- *REFS:* FED SPEC S-F-695G; PMS  
MIP6539/001-AO





# INSURV PRESENTATION

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# COMBAT SYSTEMS



# INSURV SAFETY CONCERNS

## ~~WEAPONS & SYSTEMS FIRING~~ CUTOUTS



### ISSUE:

- Firing cutouts have been incorrectly set or missing from gun mounts
- Currently there is NO PMS on either weapons or mounts that verify cutouts, except for the twin .50 CAL MG

### POC/REF:

- *INSURV POC* : LCDR HANLEY  
(757) 462-7578 EXT 3090
- *SYSTEM POC*: NSWCC 4086
- *REF*: CNSURFOR MSG DTG  
282256Z APR 02

- Mounts allowed to fire into super-structure, lifelines or flight deck nets.  
**PERSONNEL/EQUIPMENT HAZARD**
- 23 of 45 CY02 inspections had one or more mounts with incorrectly set or missing cutouts.
- Deficiencies identified applies to the .50 CAL machine gun; M60 Machine gun & MK19



# INSURV SAFETY CONCERNS

## ***MAST INSPECTIONS***



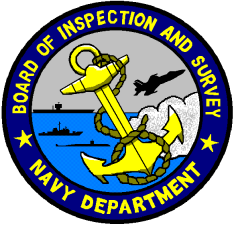
### **ISSUE:**

- Numerous safety discrepancies have been identified during recent material inspections.

### **POC/REF:**

- *INSURV POC*: LT MAYERS, (757) 462-7578 EXT 3012
- *SYSTEM POC*: NSWCCD CODE 65; NSWCC 809320/809410
- *REF*: GSO 170/400/400C/555/612/622D/634D/662/663/ 670, NAVSEA SE00-00-EIM-0110, MIP 6641, OPNAV 5100.19(D) AND SHIP

- Step grating missing at mast hatch entrance trunk (DDG)
- Safety cut-out switches inoperable and mislabeled
- Climber safety rail PMS not being accomplished
- Protruding bolts from platform decks (trip hazard).
- Lifelines / snap hooks deteriorated and or missing



# INSURV SAFETY CONCERNS



## COMMON SAFETY DISCREPANCIES

### ISSUE:

- Some other general safety discrepancies identified during recent material inspections that are common among all electronic equipment.

### POC/REF:

- *INSURV POC* : LT MAYERS, (757) 462-7578 EXT 3012
- *SYSTEM POC*: NSWCC 2334, (619)524-3477; NSWCPH 4CSO/4C30 (805) 228-8961
- *REF*: OPNAV 5100.19D, TECH MAN; NSTM 532, GSO 437, GSO 665 FIMB GENERAL SECT 2

- *TACAN* : High voltage did not discharge when receiver transmitter drawer opened.
- *SPY 1*: Cabinet ECW flow switches were inoperable.
- *SPY 1*: Back plane protective plexi-glass covers not installed.



# INSURV SAFETY CONCERNS



# AUXILIARIES



# INSURV SAFETY CONCERNS

## ***VERTICAL PACKAGE CONVEYORS DUMBWAITERS***



### **ISSUE:**

- Numerous in service limit discrepancies have been identified during material inspections.

### **POC/REF:**

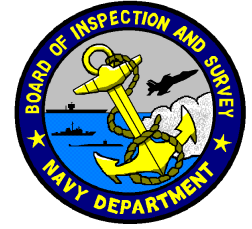
- *INSURV POC:* LCDR WAGNON (757) 462-7881 EXT 3030
- *SYSTEM POC:* NAVSEA 05P8 Mr. JOHN CAVALIERI (215) 897-1490
- *REFS:* ACNS TO NSTM 572; NUMEROUS ADVISORIES ON THE STEET

- SAFETY SHIELDS
- INOP/OUT OF ADJUSTMENT SWITCHES
- INOP/MISSING CONTROL STATION COMM DEVICES
- MISFED/BIRDCAGED HOIST WIRE
- OVER OR UNDER-RATED MOTOR CONTROLLER FUSES
- INOPERABLE REMOTE EMERGENCY STOPS



# INSURV SAFETY CONCERNS

## *STEAM WATER HEATERS* <sup>USE</sup> *for WASHROOM*



### ISSUE:

- MATERIAL CONDITION.
- OPERATING TEMPS LISTED IN PMS EXCEED THE SAFETY RANGE OF NSTM 533.

### POC/REF:

- *INSURV POC*: LCDR JACK MIDGETT (757) 462-7881 EXT 3085
- *SYSTEM POC*: NSWCCD Mr. WOJTEK KURSA (215) 897-1490
- *REFS*: NSTM 533 Paragraph 533-2.3.7 & PMS MIP A-181/001-54, MRC A-2 (90 S75F N).





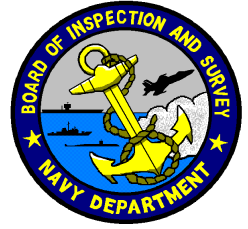
# INSURV SAFETY CONCERNS



# ELECTRICAL



# INSURV SAFETY CONCERNS *ELECTRICAL & ELECTRONIC WORK BENCHES*



## ISSUE:

- Benches inspected have been deemed UNSAFE for use due to the electrical safety discrepancies.

## POC/REF:

- *INSURV POC*: LT SHAFFER (757) 462-7881 EXT 3005
- *REFS*: NSTM 300R5 Appendix H; GSO 665; CNSLINST 9000.1C
- SEE CD FOR FULL PRESENTATION

- Switches fail to disconnect all power sources
- Incorrect posted signs
- Insufficient electrical grade matting
- Metal objects installed and or exposed